

"Amateur Radio: Combining communication experience with modern digital techniques."

October 2010

*Spring QRP Sprint 23 October
CQ WW DX Phone Contest 30 and 31 October*



Japanese and Canadian Amateurs Claim First 2 200 Metre JA - VE QSO

Kunikazu Togashi, JA7NI, in Daisen, Akita, Japan and Scott Tilley, VE7TIL, of Vancouver, British Columbia completed a transpacific QSO on 137 kHz or 2 200 metres on 28 September. Tilley called this a first between Canada and Japan. The distance between CN89dk (VE7TIL) and QM09fl (JA7NI) is 7 162 km. While not the DX record for 2 200 metres, Tilley told the ARRL that the QSO comes in second to the distance achieved in 2004 by operators at the Wellington Amateur Radio Club Quartz Hill User Group, ZM2E, in New Zealand and Vladimir Burakov, UA0LE, in Vladivostok, Russia. Read more here <http://www.arrl.org/news/first-2200-meter-ve-ja-qso-claimed>.

Logbook of the World: 300 Million QSOs...and Counting

By Dave Patton, NN1N, 8 October 2010.

Congratulations to Victor Morozov, RD3PQ, for submitting QSO #300 000 000 to the ARRL Logbook of The World! His QSO with SV2/OM3CGN did the trick on 5 October 2010. Victor has submitted nearly 6 300 contacts to LoTW, will receive free DXCC, and WAS awards for his well-placed log.

We are very pleased with the high level of use and acceptance of LoTW from operators around the world. January 2011 marks the 10-year anniversary of the ARRL's announcement of the LoTW system. While it has taken longer than anyone expected to return to building-out the system, progress is being made. ARRL's programmers are working hard to improve usability and to add support for the VUCC award. We have received valuable assistance from volunteers in the development of the system and software. Behind the scenes helping in any way they can, are Norm, W3IZ, Kathy, KA1RWY, and Dave, NN1N, who all work very hard to help users get through the sign-up process and place logs into the system. When the time comes to use the matched QSOs for award credit, Sharon Taratula and Bill Moore, NC1L, make the awards applications processing work smoothly.

Thanks to many volunteers, we have translations to other languages, which helps drive activity. Other volunteers work with people who are not yet using the system in order put more logs from more places into LoTW. The level of acceptance has not slowed down — in fact, it may be increasing. At this time, over 3600 applicants have requested a digital certificate and not yet finished the process, to go along with the 36,000 individual users already signed up!

HF Happenings 425



October

4 Schools open; Closing date SARL VHF/UHF logs
6 World Habitat Day; Closing date SARL Club logs
7 SARL 80 Metre QSO Party
8 Closing date Heritage logs
9/10 AWA Valve AM QSO Party
15 Boss' Day
15/16 CQ Hou Koers
15/17 JOTA
22 Closing 80 m QSO logs
23 Spring QRP Sprint
25 Closing date AWA QSO logs
30/31 CQ WW SSB DX contest

November

6 RaDAR Contest
6/7 ARRL CW Sweepstakes
7 National Marine Day
11 Armistice Day
14 Remembrance Sunday
20/21 SARL Field Day
20/21 ARRL SSB sweepstakes
24 SARL Club CW Contest
27/28 CQ WW DX CW Contest

We continue to hear from users who have happily folded the use of LoTW into their operating and awards-chasing worlds. They have found the best ways to use the system and continue to collect the QSL cards many of us enjoy so much. The use of the worldwide QSL Bureau system is still quite valuable for obtaining traditional QSL cards at the lowest possible cost. LoTW and the QSL Bureaus combine to make a strong combination of cost savings and lessened risk from sending cards to HQ for processing.

The use of direct QSLing is also still important in order to help support DXpeditions and to obtain quick confirmations from stations that are not yet using LoTW or the Bureau. The beauty of using LoTW comes through again as a supplement to awards and QSL chasing in that we still want a nice QSL for our collection, but now we do not need to obtain 10 or 12 cards.

For further information about Logbook of the World, and to get started, visit <http://www.arrl.org/logbook-of-the-world>.

DXCC News

Bill Moore, NC1L, ARRL Awards Branch Manager, reports that the following operations are approved for DXCC credit:

9Q50AR - Democratic Republic of the Congo (Club Station all operations)

9Q50ON - Democratic Republic of the Congo; 2010 Operation

If you have had credits rejected for these operations, please send a note to dxcc@arrl.org. Results will appear in LoTW accounts, or, please view your numbers online on the live, daily listings at www.arrl.org/dxcc.

Bill Moore, NC1L, Awards Branch Manager, informed the DXCC QSL Checker on 6 October (edited): "As you know on 10 October 10, Bonaire, Curacao and Sint Maarten, et al, will become deleted entities on the DXCC list. Other changes will occur and a full news


release will be made at the appropriate time.

For card checking purposes, DXCC will not be accepting any contacts for the new entities until 1 January 2011. If you receive applications with the deleted PJ's, these can be checked until 31 December 2010. However, if your applicant asks, this entity will still count but as a deleted entity, effective 10 October 10).

If someone brings to you a QSL dated 10 October 10 or after, but before 1 January 2011, this card must be returned to them, unprocessed. The new entities will not even be added to the DXCC computer until 1 January 2011, so submitting them will result in nothing credited."

Former Netherlands Antilles and CQ Awards and Contests

(Hicksville, NY - 13 October 2010) - With several groups operating this week from the "new" DX entities created by the break up of the Netherlands Antilles, questions have arisen regarding their status for CQ DX awards and contests. This announcement updates and supplements the preliminary announcement that will appear in the November issue of CQ magazine, which is already at the printer.

"Success is going from failure to failure without losing your enthusiasm." Winston Churchill 



CQ DX Awards. Each of the five islands involved in the change of status retains its previous PJ call sign prefix (Curacao - PJ2; Bonaire - PJ4; St. Eustatius - PJ5; Saba - PJ6; and St. Maarten - PJ7). According to CQ DX Awards Manager Billy Williams, N4UF, the previous entities of the Leeward Islands (PJ2/PJ4) and Windward Islands (PJ5/PJ6/PJ7) Islands were deleted as of 9 October 2010. Four new entities - Curacao (PJ2), St. Maarten (PJ7), Bonaire (PJ4) and Saba/St. Eustatius (PJ5/6) - became active on 10 October, for a net gain of two DX entities. Confirmations for contacts made with the new entities will be accepted for CQ award credit effective immediately.

New Multipliers in the CQ WW. The country multiplier list for the CQ World Wide DX Contest (SSB weekend on 30 and 31 October; CW on 27 and 28 November) is based on a combination of the ARRL's DXCC list and the DARC's WAE (Worked All Europe) list. Since the ARRL has also made the same changes, deleting the old Windward and Leeward Islands entities and adding PJ2 (Curacao), PJ4 (Bonaire), PJ5/6 (St. Eustatius & Saba) and PJ7 (St. Maarten) as four new entities effective October 10, these "new ones" will each count as separate country multipliers in the CQ WW.

There is no need to worry if your own contest logging software is not updated, according to CQ WW Contest Director Bob Cox, K3EST. "In the end, the log checking software calculates final tallies anyway," he notes, adding that the software "is very up-to-date and reflects any status changes."

DX Marathon Double-Dip. Competitors in the 2010 CQ DX Marathon will have a unique "double-dip" opportunity in working the islands of the Netherlands Antilles for Marathon points. Those who worked any of the islands *before* 10/10/10, get credit for either the Windward or Leeward Islands, as appropriate. Radio amateurs who work them *again* on or after 10/10/10 will get additional credit for the new entities, providing a maximum of six country credits for working the islands in 2010.

New IOTA Group Announced


Following the ARRL announcement of four new DXCC entities in the former Netherlands Antilles, we can now announce IOTA's position. Curacao will, in accordance with IOTA rule E.5.5 (Island DXCC entity group), become a new IOTA group with the reference number SA-099, operative from 04:00 UTC 10 October 2010. Contacts made prior to that time/date will continue to count for SA-006. Bonaire remains as a valid island within SA-006, so its IOTA status will not change. There will also be no IOTA group number change to Sint Maarten NA-105 or Saba and Sint Eustatius NA-145, the islands split from each other long ago in accordance with IOTA rules.

New NVIS paper using 5 MHz data

Dr Marcus Walden, G0IJZ, recently gave a paper at the 9th Nordic HF Conference held in Sweden, presenting a comparison of measurements and VOACAP predictions for the UK 5 MHz beacon network.

The paper was well received by professional engineers, academics and HF users attending the conference. For further information and a link to the paper, check out the RSGB website at www.rsgb.org/spectrumforum/hf/5mhzintro.php.

African DX

"Success is going from failure to failure without losing your enthusiasm." Winston Churchill 



Kenya, 5Z. Sig, NV7E is active as 5Z4EE from Nairobi and is here for the next four years. Activity is on 160 to 10 metres. He will be active in the upcoming CQ WW SSB contest. QSL to NV7E.

Sam, G4OHX, is currently active as 5Z4/G4OHX near Mombasa. His length of stay is not known. Activity has been mainly CW on 20 and 17 metres. QSL via his home call sign.

Tristan Da Cunha and Gough Islands, ZD9. Ulli, DL2AH, will be active as ZD9AH from Tristan da Cunha from around 10 October to 6 December. Activity will be on 40, 20, 17, 12 and 10 metres using mostly SSB with some RTTY. This includes being entries in the upcoming Worked All Germany, CQ WW and Japan DX contests. QSL to home call.

Two members of the Chiltern DX Club (CDXC), Rob, MOVFC and Martin, G3ZAY have recently received permission from the Tristan da Cunha Island Council for a DXpedition to take place in September 2012 for 2 - 3 weeks. They are on the provisional passenger list of the "MV Agulhas" (or possibly its replacement by then). The exact dates/bands/etc., will be forthcoming.

Prince Edward and Marion Islands, ZS8. Pierre, ZS1HF, continues to be active as ZS8M from Marion Island, IOTA AF-021. He is active on 40, 17 and 15 metres generally between 10:00 and 19:30 UTC and then around 03:00 to 05:00 UTC. QSL via ZS1X.


Gough Island, ZD9. John, ZS1LF will depart for Gough Island (AF-030) in September and will remain there for one year. The operation will start somewhere mid-October. He plans to operate as ZD9GI in his spare time, "after official working hours and weekends." John will use dipoles (yagi antennas are not permitted) and will operate "SSB at this stage, digital modes later". Activity on the amateur bands will start after the supply ship, the SA Agulhas, leaves the island, and according to The Daily DX John "does not expect to be active until early November." QSL via ZS1A, direct (Johan Sevenster, 2 Roozeboom str, de Bron, Bellville, 7530, South Africa) or via the bureau.

Democratic Republic of Congo, 9Q50. Patrick, ON4HIL, will once again return this time with Theo, ON4ATW, Marc, ON6CC, Luc, ON4IA, Wim, ON4CIT and Ron, PA3EWP and activate 9Q50ON from Kinshasa between 3 and 13 December. The special event call sign is to celebrate the 50th anniversary of the independence of the Democratic Republic of Congo. Activity will be on 160-6 meters using CW and SSB. QSL via ON4BR, by the Bureau or direct. For more details, updates and suggested frequencies, visit <http://www.9q50on.be>

Benin, TY. Mario, DL2UX, is now active as TY1JB from Cotonou until 28 October. Activity currently has been mainly on 15 metres, but he is using a Butternut HF9V-X and a ZS6BKW antenna for 40 - 10 metres. QSL via his home call sign.

Acension Island, ZD8. Tom, K7ZZ, will be active as ZD8ZZ from an elevation of 2 300 feet on Green Mountain between 12 and 26 October. This will be a "micro-lite" operation on 160 - 10 metres using CW and SSB. His antennas will be two element phased vertical array. QSL via LoTW or direct to K7ZZ.

Super Check Partial database

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Bob, WA1Z, says "I will be releasing a new version of the Super Check Partial database files on Sunday 24 October. I am requesting your logs for input to the database files. Please send me the same Cabrillo format log that you submitted to the contest sponsor. If you have already sent me your logs, there is no reason to send them again.

Logs from any of the following contests are most welcome - CQ WW DX - CW, Phone, RTTY; CQ WPX - CW, Phone, RTTY; CQ 160 m - CW, Phone; ARRL DX - CW, Phone; ARRL Sweepstakes - CW, Phone; ARRL RTTY Roundup; ARRL 10 m; ARRL 160 m; IARU Radiosport; Russian DX Contest; Worked All Europe - CW, Phone, RTTY.

Simply add your log as an attachment to the email and send to logs at supercheckpartial.com. More info on SCP at <http://www.supercheckpartial.com>. Thanks for your help!

Contest Calendar

This week's contests compiled by Bruce Horn, WA7BNM. The period covered is 04 to 11 October 2010.

NAQCC Straight Key/Bug Sprint

00:30 - 02:30 UTC 13 October

Mode: CW

Bands: 80, 40 and 20 m

Classes: (none)

Max power: 5 watt

Exchange: RST, state, province or country and NAQCC no or power

Work stations: Once per band

QSO Points: 1 point per QSO with non-member; 2 points per QSO with member

Multipliers: Each state, province or country once

Key Type Mult: 2 x if straight key, 1,5 x if bug, 1 x if other

Score Calculation: Total score = total QSO points x total mults x key type mult

Submit logs by: 23:59 UTC 16 October 2010

E-mail logs to:

[naqcc33\[at\]windstream\[dot\]net](mailto:naqcc33[at]windstream[dot]net)

Post log summary at:

http://home.windstream.net/yoel/sprint_submit_log.html

Mail logs to: John Shannon, K3WWP, 478 E. High St., Kittanning, PA 16201, USA

Find rules at:

<http://home.windstream.net/yoel/sprint2010.html>

CWops Mini-CWT Test

11:00 - 12:00 UTC, and 19:00 - 20:00 UTC 13 October and 03:00 - 04:00 UTC 14 October

Mode: CW

Bands: 80, 40 and 20 m

Classes: Single Op - QRP, Low or High

Max power: HP: >100 watt; LP: 100 watt; QRP: 5 watt

Exchange: Member: Name and member no; non-Member: Name and state, province or country

Work stations: Once per band

QSO Points: 1 point per QSO

Multipliers: Each call once

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 04:00 UTC 16 October 2010

Post log summary at:

<http://www.hornucopia.com/3830score/>

Mail logs to: (none)

Find rules at:

<http://www.cwops.org/onair.html>

RSGB 80m Club CW Sprint

19:00 - 20:30 UTC 14 October

Mode: CW

Bands: 80 m Only

Classes: 100 w; 10 w

Exchange: other station's call, your call, serial no and your name

QSO Points: 1 point per QSO

Multipliers: (none)

Score Calculation: Total score = total QSO points

Submit logs by: 21 October 2010

Upload log at:

<http://www.rsgbcc.org/cgi-bin/hfenter.pl>

Mail logs to: (none)

Find rules at:



<http://www.rsgbcc.org/hf/rules/2010/rsprint.shtml>

NCCC Sprint

02:30 - 03:00 UTC 15 October

Mode: (see rules)

Bands: (see rules)

Classes: (none)

Exchange: (see rules)

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 17 October 2010

E-mail logs to: (none)

Post log summary at:

<http://www.hornucopia.com/3830score/>

Mail logs to: (none)

Find rules at:

<http://www.ncccsprint.com/rules.html>

JARTS WW RTTY Contest

00:00 UTC 16 October to 24:00 UTC 17 October

Mode: RTTY

Bands: 80, 40, 20, 15 and 10 m

Classes: Single Op All Band - Low or High; Multi-Multi; SWL

Max power: HP: >100 w; LP: 100 w

Exchange: RST and age of operator

QSO Points: 2 points per QSO with same continent; 3 points per QSO with different continent

Multipliers: Each DXCC entity except JA, W, VE and VK once per band; Each JA, W, VE and VK call area once per band

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 30 November 2010

E-mail logs to: (none)

Upload log at:

http://www.kiznax.com/p/jarts/submit_for_m.html

Mail logs to: (none)

Find rules at:

<http://jarts.web.fc2.com/2010/rules2010.html>

ARCI Fall QSO Party

12:00 UTC 16 October to 24:00 UTC 17 October

Mode: CW

Bands: 160, 80, 40, 20, 15 and 10 m

Classes: All Band; Single Band; High Bands; Low Bands

Max operating hours: 24

Exchange: ARCI: RST, state, province or country and ARCI no; non-ARCI: RST, state, province or country and power out

Work stations: Once per band

QSO Points: 5 points per QSO with ARCI member; 4 points per non-member QSO with different continent; 2 points per non-member QSO with same continent

Multipliers: States, once per band; VE Provinces, once per band; Countries, once per band

Power Mult: >5 W = x1, 1 - 5 W = x7, 250 mW - 1 W = x10, 55 - 250 mW = x15, <55 mW = x20

Score Calculation: Total score = total QSO points x (state mults and province mults and country mults) x power mult

Submit logs by: 17 November 2010

E-mail logs to: [contest\[at\]qrparci\[dot\]org](mailto:contest[at]qrparci[dot]org)

Mail logs to: ARCI Fall QSO Party, c/o Jeff Hetherington, VA3JFF, 139 Elizabeth St. W., Welland, Ontario L3C 4M3, Canada

Find rules at:

<http://www.qrparci.org/content/view/7674/118/>

New York QSO Party

14:00 UTC 16 October to 02:00 UTC 17 October

Mode: CW, SSB, Digital

Bands: All, except WARC

Classes: Single Op - CW, SSB, Digital or Mixed - QRP, Low or High; Multi-Single - CW, SSB, Digital or Mixed - QRP, Low or High; Multi-Multi - CW, SSB, Digital or Mixed - QRP, Low or High; Mobile - CW, SSB, Digital or Mixed - QRP, Low or High; Rookie - CW, SSB, Digital or Mixed - QRP, Low or High; School - CW, SSB, Digital or Mixed - QRP, Low or High

Max power: HP: >100 watt; LP: 100 watt; QRP: 5 watt

Exchange: NY: RS(T) and county; non-NY: RS(T) and state, province or "DX"



Work stations: Once per band per mode
QSO Points: 1 point per Phone QSO; 2 points per CW QSO; 3 points per Digital QSO
Multipliers: NY: Each NY county, US state, VE province/territory once; Non-NY: Each NY county once
Score Calculation: Total score = total QSO points x total mults
Submit logs by: 31 October 2010
E-mail logs to: [logs\[at\]nyqp\[dot\]org](mailto:logs[at]nyqp[dot]org)
Mail logs to: (none)
Find rules at: <http://www.nyqp.org/rules.php>

Iowa QSO Party

14:00 - 23:00 UTC 16 October
Mode: CW/Digital, SSB
Bands: All, except WARC and 60 m
Classes: Single Op Fixed; Multi-Op Fixed; Single Op Mobile; Multi-Op Mobile
Max power: 125 Watt
Exchange: IA: RS(T) and County; non-IA: RS(T) and state, province or "DX"
Work stations: Once per band per mode per county
QSO Points: 1 point per phone QSO; 2 points per CW/digital QSO; 100 bonus points for a QSO with WA0DX
Multipliers: IA: Each IA county, state, province once; non-IA: Each IA county once; All: Each of the current or past IA section managers once
Score Calculation: Total score = (total QSO points x total mults) and bonus points
Submit logs by: 9 November 2010
E-mail logs to: [IAQSO\[at\]WA0DX\[dot\]ORG](mailto:IAQSO[at]WA0DX[dot]ORG)
Mail logs to: Marshall Dias, W00TM, 614 North Court, Ottumwa, IA 52501, USA
Find rules at:
http://www.wa0dx.org/iowa_qso_party.html

Worked All Germany Contest

15:00 UTC 16 October to 14:59 UTC 17 October
Mode: CW, SSB
Bands: 80, 40, 20, 15 and 10 m
Classes: Single Op CW - Low or High; Single Op Mixed - Low or High; Single Op Mixed QRP; Multi-Op; SWL
Max power: HP: >100 w; LP: 100 w; QRP: 5 w

Exchange: DL, DARC-Member: RS(T) and DOK (local area code); DL, non-DARC: RS(T) and "NM"; non-DL: RS(T) and Serial no
Work stations: Once per band per mode
QSO Points: DL Station: 1 point per DL QSO, 3 points per EU QSO, 5 points per DX QSO; non-DL Station: 3 points per DL QSO
Multipliers: DL Station: Each DXCC entity once per band; non-DL Station: Each DL district once per band
Score Calculation: Total score = total QSO points x total mults
Submit logs by: 1 November 2010
E-mail logs to: [wag\[at\]dxhf\[dot\]darc\[dot\]de](mailto:wag[at]dxhf[dot]darc[dot]de)
Mail logs to: (none)
Find rules at:
<http://www.darc.de/referate/dx/contest/wag/en/rules/>

Feld Hell Sprint

20:00 - 22:00 UTC 16 October
Mode: Feld Hell
Bands: 160, 80, 40, 20, 15 and 10 m
Classes: (none)
Max power: 100 watt
Exchange: (see rules)
Work stations: Once per band
QSO Points: (see rules)
Bonus Points: (see rules)
Multipliers: Each state, province and country once only
Score Calculation: Total score = (total QSO points x total mults) and bonus points
Submit logs by: 1 November 2010
E-mail logs to: (none)
Post log summary at:
<http://sites.google.com/site/feldhellclub/Home/contests>
Mail logs to: (none)
Find rules at:
<http://sites.google.com/site/feldhellclub/Home/contests>

PODXS 070 Club 160 m Great Pumpkin Sprint

20:00 local 16 October to 02:00 local 17 October
Mode: PSK31
Bands: 160 m Only



Classes: QRP; Low Power; Medium Power
Max power: Medium Power: 100 watts; Low Power: 50 watts; QRP: 5 watts
Exchange: RST and state, province or country
QSO Points: 1 point/QSO
Multipliers: Each state, province and DXCC country once only
Score Calculation: Total score = total QSO points x total mults
Submit logs by: 16 November 2010
E-mail logs to:
lowbandsprints[at]k9vic[dot]net
Mail logs to: Eric Dallmann, K9VIC, 15707 S. River Rd., Plainfield, IL 60544, USA
Find rules at:
<http://www.podxs070.com/160-meter-great-pumpkin-sprint>

Asia-Pacific Fall CW Sprint
00:00 - 02:00 UTC 17 October
Mode: CW
Bands: 20 and 15 m
Classes: Single Op
Max power: AP: 150 w; non-AP: legal limit
Exchange: RST and serial no
Work stations: Once per band
QSO Points: 1 point per QSO
Multipliers: Each prefix once
Score Calculation: Total score = total QSO points x total mults
Submit logs by: 24 October 2010
E-mail logs to: apsprint[at]jsfc[dot]org
Mail logs to: (none)
Find rules at:
<http://jsfc.org/apsprint/aprule.txt>

Illinois QSO Party
17:00 UTC 17 October to 01:00 UTC 18 October
Mode: CW/digital, Phone
Bands: 160, 80, 40, 20, 15, 10, 6 and 2 m
Classes: Fixed; Mobile; Portable; Rover; Non-IL
Exchange: IL: RS(T) and County; non-IL: RS(T) and state, province or country
Work stations: Once per band per mode per county

QSO Points: 1 point per phone QSO; 2 points per CW/digital QSO
Multipliers: IL Stations: Each IL county, state and VE province once; IL Stations: Each DXCC country (max of 5) once; non-IL Stations: Each IL county once
Score Calculation: Total score = total QSO points x total mults
Submit logs by: 18 November 2010
E-mail logs to: n9jf[at]arrl[dot]net
Mail logs to: WIARC, PO Box 3132, Quincy IL 62305-3132, USA
Find rules at:
<http://www.w9awe.org/ILQP%202010%20Rules.pdf>

Run for the Bacon QRP Contest
01:00 - 03:00 UTC 18 October
Mode: CW
Bands: 160, 80, 40, 20, 15 and 10 m
Classes: Single Band; All Band
Max power: 5 watt
Exchange: RST, state, province or country and member no or power
Work stations: Once per band
QSO Points: 1 point per QSO with non-member; 3 points per QSO with member on same continent; 5 points per QSO with member on different continent
Multipliers: Each state, province or country once; Multiply mults by 2 if >50 members worked
Score Calculation: Total score = total QSO points x total mults
Submit logs by: 24 October 2010
E-mail logs to: (none)
Upload log at:
<http://www.fpqr.com/autolog.php>
Mail logs to: (none)
Find rules at:
<http://www.fpqr.com/fpqrprun.php>

ARRL School Club Roundup
13:00 UTC 18 October to 24:00 UTC 22 October
Mode: CW/RTTY/Digital, Phone
Bands: All, except 30, 17 and 12 m
Classes: Single Op (I); Club/Multi-Op (C); School Club/Group (S)



Max operating hours: 24 hours total; 6 hours out of any 24-hour period with off times of at least 30 minutes

Exchange: RS(T), Class (I/C/S) and state, province or country

Work stations: Once per mode

QSO Points: 1 point per phone QSO; 2 points per CW/RTTY/digital QSO

Multipliers: States and VE provinces and DXCC countries and (2x class C QSOs) and (5x class S QSOs) and (5x QSOs with KA2NRR)

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 21 November 2010

E-mail logs to: (none)

Mail logs to: School Club Roundup, c/o LI-MARC, PO Box 392, Levittown, NY 11756, USA

Find rules at:

<http://www.arrrl.org/school-club-roundup-1>

Next Week's Contests

ARRL School Club Roundup, 13:00 UTC 18 October to 24:00 UTC 22 October

FOC QSO Party, 00:00 UTC-23:59 UTC 23 October

10-10 International Fall CW Contest, 00:01 UTC 23 October to 23:59 UTC 24 October

SYLRA Contest, 10:00 UTC 23 October to 10:00 UTC 24 October

Stew Perry Topband Challenge, 15:00 UTC 23 October to 15:00 UTC 24 October

W/VE Islands QSO Party, 16:00 UTC 23 October to 23:59 UTC 24 October

History This Week

A look back at events that made history this week - compiled by the Summerland Amateur Radio Club of Lismore, NSW. The week starting Monday 11 October 2010

1844 - Greenwich Mean Time (GMT) established as a Time Standard

1910 - First air-sea rescue using radio saves the crew of the airship America

1933 - Australia's first traffic lights installed in Sydney

Items used with acknowledgement to The ARRL Letter, Amateur Radio Newslite, OPDX Bulletin, 425 DX Bulletin, DXNL Bulletin, ARRL DX News, WIA-News, the RSGB News, Southgate ARC and Pete's DX Newsdesk.

Newsletter editors are most welcome to use material from HF Happenings, just remember to acknowledge the source (which could be any one of the names mentioned above). HF Happenings can be provided in MS Word format.